

Powertec Wideband 4G-5G Hinged Antenna, 700 to 3800 MHz, SMA Male

SKU: ACC-PT-00391

MPN: ACC-PT-00391

Barcode: 9337692004568

Description

The VHT-6938-2 is an economical terminal antenna covering a wide range of 4G LTE and 5G NR frequencies between 700 and 3800 MHz. Most notably the antenna covers all common 3G and 4G bands, along with n78 (3500 MHz) used in most 5G networks across the globe.

Designed for terminals and routers, the antenna offers an articulated SMA connector for flexible positioning and a sleek profile for low visual impact. The antenna demonstrates stable omnidirectional performance with 2 to 3 dBi gain across the bands.

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This model of antenna is quickly being used as a drop-in replacement for older designs that aren't compatible with 5G. The unit is economically priced, with discount tiers at 100, 1000, and 5000 units, making it an exceptional choice for mass-deployment.



RF Specification

Start Frequency:	698 MHz	Polarisation:	Linear
Stop Frequency:	3800 MHz	Input Impedance:	50
Max. Input Power:	10 W		

RF Connectors

Ports	RF Interface	Body Shape
1	SMA Male	Straight

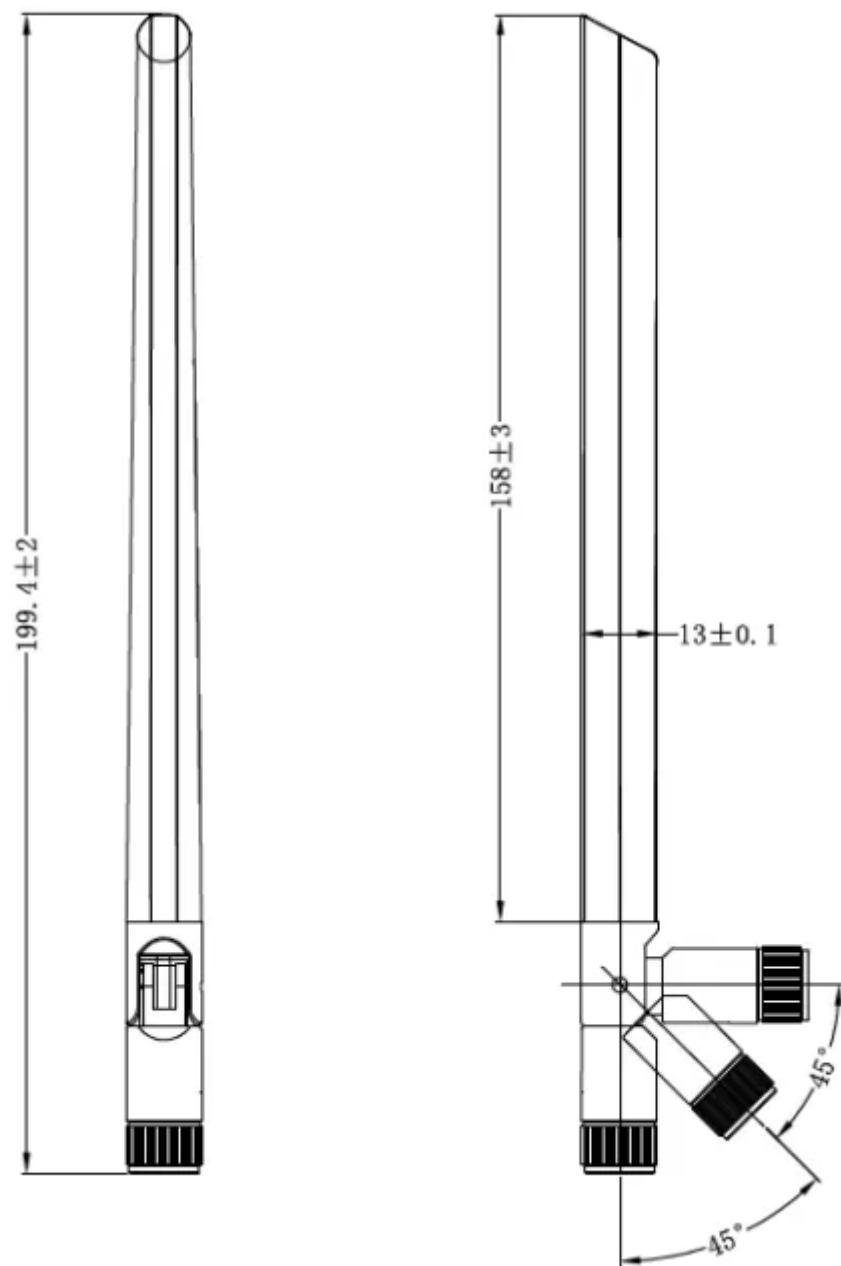
Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR
698 MHz	960 MHz	2 dBi	< 3:1
1695 MHz	2690 MHz	3 dBi	< 3:1
3300 MHz	3800 MHz	3 dBi	< 2.6:1

Physical Specification

Subtype:	Hinged Terminal	Dimensions:	198 x 37.3 x 13
Input Ports:	1	Materials:	ABS Plastic, Thermoplastic Elastomer (TPE)
MIMO:	1x1 SISO	Mounting:	Terminal / Device
Min. Operating Temperature:	-35 °C	Weight:	0.04 kg
Max. Operating Temperature:	70 °C		

Drawing



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